

AUGUST MEETING SET

DON GREAME KELLEY, editor of *Pacific Discovery*, will present "Tracking Scientists in the South Pacific" at the regular August meeting of the Academy at 8:15 p. m., Wednesday, August 13, in May Treat Morrison Auditorium.

PLANETARIUM LISTS SHOWS

THE 1958 SUMMER SHOW at Morrison Planetarium is "Man's Future in Space." It features simulated space flights to the moon, to Mars and to the space beyond. July 2 was the opening date of the summer show and it will run through Labor Day, September 1. Other shows for the remainder of 1958 will include "The Galileo Story," September 3 to September 28; "Celestial Shadows," October 1 to November 2; "Planetarium on Parade," November 5 to November 30, and "The Star of Bethlehem," December 3 to January 4.

ARCHER FISH LOSE SIGHT

ONE OF STEINHART AQUARIUM's most popular displays for the past seven years was removed last month because of an unusual situation. The display consisted of archer fish, noted for their ability to eject streams of water and knock their food out of the air.

To demonstrate this ability to the public, the archer fish were placed in a large tank and every day at 3 p. m., the water level in the tank was lowered and food for the fish was thrown against the glass above the waterline. The archer fish then gathered below the food and squirted jets of water at the food until they had knocked it all down.

Late last month it was discovered by Aquarium attendants that only about five of the remaining 20 fish were even attempting to spit at the food. Upon examination, 15 of the fish were discovered to have developed cataracts; they could no longer see to spit at their food.

Dr. Earl S. Herald, Curator of Aquatic Biology, said the cataracts were brought on by a combination of old age and a disease not yet diagnosed. The fish were removed from the display tank and are being hand-fed in the Aquarium laboratory. Dr. Herald said the archer fish display will be reinstalled as soon as new archer fish can be obtained.

NEW MEMBERS

NEW MEMBERS who joined the Academy last month are:

REGULAR MEMBERSHIP

Mr. David E. Day
Mr. Donald H. Fry, Jr.
Mr. Stuart N. Greenberg
Mr. Stuart N. Greenberg, Jr.
Dr. Bernard Harris
Dr. O. R. LePere
Mr. George A. Manitsas
Mr. Walter Scott Martin
Mrs. Clarissa McMahon
Mr. Jon McMahon
Mr. Daniel J. O'Connell
Mr. Alan R. Post

FAMILY MEMBERSHIP

Mr. Arvid C. Ekenberg
Mr. and Mrs. A. Preston Hendrickson
Mr. and Mrs. J. H. Kempton
Mrs. Rosa M. Lowe
Mr. Milton P. Munger, Jr.
Mr. and Mrs. Robert A. Zender

LIFE MEMBERSHIP

Mrs. John Casserly

STUDENT MEMBERSHIP

Shelagh E. Leuterie
Robert M. Martin
Elaine Singer
Mary Wilcox

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SANDS OF SAUDI ARABIA

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July Announcement

THE REGULAR JULY MEETING of the California Academy of Sciences will be held at 8:15 P. M., Wednesday, July 16, in the May Treat Morrison Auditorium. G. Clark Gester, Research Geologist and Fellow at the Academy, will present:

"THE CHANGING SAUDI ARABIA"

Petroleum Geologist Gester and Mrs. Gester were guests of the Arabian American Oil Company in Saudi Arabia this past spring where Gester was conducted on a two-week survey of oil operations and where he visited old friends, several of whom worked for Gester when he was Chief Geologist for Standard Oil Company of California.

Among other things, the visit offered Gester the opportunity to see the changes in Saudi Arabia and the oil operations since he witnessed the shipment of the first tankerload of crude oil from Ras Tanura in May, 1939.

Gester will describe the climate, geography, physical features and location (relative to Europe and the Mid-East) of Saudi Arabia and will then discuss that country's geology, with special emphasis on its petroleum supplies. These descriptions will be fully illustrated with color slides taken by Gester during his recent visit.

"The Island of Allah," a highly regarded sound motion picture will also be a feature of Gester's lecture. The film tells two stories: the story of King Ibn Sa'ud, father of Saudi Arabia's present King Saud, and how he began the development of his country; and the parallel development of the oil industry in that country. In addition to the film, Gester will show color slides of the oil industry at work in the Arabian desert.

To point up the changes in Saudi Arabia between his first visit in 1939 and his recent trip, Gester will highlight his lecture with a description of the differences between dining with the former king, Ibn Saud, in 1939, and a dinner he attended at the invitation of the present King Saud during his recent visit.

Academy members and their friends are cordially invited to attend this lecture on a fascinating and unfamiliar country.

UNUSUAL EXHIBIT ON DISPLAY

LITERARY SOURCE MATERIALS from three Bay Area libraries, including that of the Academy, make up an unusual exhibit now on display in the Hall of Science at the Academy. The exhibit is entitled "Western Americana" and it was installed for the Western Writers of America, who held a conference in Santa Rosa from June 23 to 27; the American Medical Association, which convened in San Francisco on the same dates, and the American Library Association, which will convene in San Francisco July 13 to 19.

The exhibit includes rare books, documents and manuscripts on many fields from ancient history to up-to-date genealogy from Sutro Library; a selection of rare items associated with the Donner party from the Bancroft Library at the University of California; and unique and little-known source materials on the history of the West in particular relation to explorers and early scientists from the Academy's library.

In addition, Levi Strauss and Company has included materials which show how that company's registered trademark "LEVI'S" has been associated with western history.

Another new exhibit features prize-winning photos in the William Randolph Hearst Photographic Prize Competition for 1957. Included are the best news pictures taken by Hearst newspaper photographers during 1957. The exhibit is located in the San Francisco *Examiner* Museum of Photography in Lovell White Hall at the Academy. Both exhibits will remain on display through July.

ACADEMY WELL REPRESENTED AT UTAH MEETING

FIVE ACADEMY STAFF members, including Dr. Robert C. Miller, Academy director, attended the 39th annual meeting of the Pacific Division of the American Association for the Advancement of Science, held from June 16 to 20 on the campus of Utah State University in Logan.

Other staff members who attended the meeting include Dr. William Follett, Curator of Ichthyology; Mrs. Robert (Lillian) Dempster, Assistant Curator of Ichthyology; Robert Dempster, Associate Curator of Aquatic Biology; and Anatole Loukashkin, Research Associate in Aquatic Biology. Mrs. Miller and Mrs. Follett accompanied their husbands to the meeting.

Dr. Miller is Secretary-Treasurer of the Pacific Division of AAAS, Mrs. Dempster is Secretary of the American Society of Ichthyologists and Herpetologists, Western Division, and Dr. Earl S. Herald, Curator of Aquatic Biology, was elected president of that society at the Logan meeting. Dr. Follett is President of the Society of Systematic Zoology, Pacific Section, another society affiliated with the Pacific Division. Dr. Follett and Mr. Loukashkin presented papers at the meeting.

STAFF MEMBERS TREATED ROYALLY

VISITING WITH ROYALTY may become common practice among the Academy staff if the recent experiences of two members is an indication. The two members are Allyn G. Smith, Executive Assistant to Dr. Robert C. Miller and Research Malacologist, and G. Clark Gester, Research Geologist in the Department of Geology.

Before leaving April 27 for Japan, Smith made arrangements to see Emperor Hirohito's private marine biological collection. When the appointed day arrived, Smith not only saw the collection, he and Mrs. Smith spent an entire afternoon with the Emperor. They met some of the ranking officials in the Imperial Household, spent a half hour going over the Emperor's collection, talked shop with the Emperor, showed him color slides of marine scenery along the Pacific Coast of the United States, and saw the Emperor's private scientific laboratory which, Allyn said, looked almost exactly like an Academy laboratory.

In another part of the world, Gester was invited to dinner by another monarch, King Saud of Saudi Arabia, at the King's palace. It marked an anniversary of sorts because nearly 20 years ago, Gester dined with King Ibn Sa'ud, the present King's father.

While in Japan, the Smiths also did a lot of sight-seeing, met a number of leading Japanese malacologists and saw two of Japan's outstanding private shell collections. Smith returned to the Academy June 2.